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(71) Applicant (for all designated States except US): **BASELL
POLIOLEFINE ITALIA S.P.A.** [IT/IT]; Via Pergolesi,
25, I-20124 Milano (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GULEVICH, Yuri**
[RU/IT]; Corso Porta Mare, 8, I-44100 Ferrara (IT).
MORINI, Giampiero [IT/IT]; Via Giotto, 36, I-35100
Padova (IT). **FUSTO, Maria** [IT/IT]; Basell Poliolefine
Italia S.p.A., P. Le Donegani, 12, I-44100 Ferrara (IT).

(74) Agent: **GIBERTI, Stefano**; Basell Poliolefine Italia
S.p.A., Intellectual Property, P. Le G. Donegani, 12,
I-44100 Ferrara (IT).

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(54) Title: COMPONENTS AND CATALYSTS FOR THE POLYMERIZATION OF OLEFINS

(57) Abstract: The present invention relates to a solid catalyst component for the polymerization of olefins $\text{CH}_2=\text{CHR}$ in which R is hydrogen or a hydrocarbon radical with 1-12 carbon atoms, comprising Mg, Ti, halogen and an electron donor selected from thiophene dicarboxylate derivatives of a particular formula. Said catalyst components when used in the polymerization of olefins, and in particular of propylene, are capable to give polymers in high yields and with high isotactic index expressed in terms of high xylene insolubility.



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